

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	("4817000") or ("4007991") or ("6437860").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/20 14:41
L2	4	("3107674").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/20 14:42
L3	18	hirt-dieter.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/20 15:12
L4	1	("9428436").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/20 15:15
L5	3	("2640760").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/20 15:19
L6	1	salagnac-jean-luc.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/20 15:23
L7	1	("5715042").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/20 15:24
L8	154	356/139.04.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/20 15:24
L9	7	356/139.04.ccls. and beacon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/20 15:28

## EAST Search History

L10	24	356/139.04.ccls. and phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/20 15:32
L11	32	356/141.2.ccls. and phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/20 16:01
L12	9	356/141.2.ccls. and beacon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/20 16:06
L13	17	356/141.4.ccls. and beacon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/20 16:20
L14	93	356/141.4.ccls. and phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/20 16:57
L15	54	356/152.1.ccls. and phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/20 16:58
L16	60	356/152.1.ccls. and (phase or beacon)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/20 17:13
L17	11	356/3.13.ccls. and (phase or beacon)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/20 17:13
S12	323	kim-yong-j\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 09:15

## EAST Search History

S13	47	kim-yong-jae.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/20 14:37
S14	23	park-ki-cheol.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 09:22
S15	7	koh-won-jun.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 09:22
S16	30	oh-yeon-taek.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 09:22
S17	2	("6418629").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 12:46
S18	3	("4309758").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 12:48
S19	3	("3687556").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/27 08:05

## EAST Search History

S20	1678	(700/245).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/24 11:42
S25	629	700/245.cor. and "@ad" <="20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/03 13:54
S26	4793	robot and location and receiver	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 16:30
S27	3268	robot and location and receiver and @ad <="20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 16:33
S28	1900	S27 and optical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 16:35
S29	393691	position with locati\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 16:36
S30	10177	S29 and robot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 16:37

## EAST Search History

S31	753	S27 and navigat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 16:50
S32	874	("double sided" or "double-sided") with mirror	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 08:05
S33	281	S32 and transmit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 17:13
S34	21	S32 and navigat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 17:14
S35	409	S32 and locat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 17:14
S36	624	356/3.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 11:48
S37	332	356/3.ccls. and position	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 10:17

## EAST Search History

S38	24675278	356/3.ccls. and position. @ad<="20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 10:19
S39	293	356/3.ccls. and position and @ad<="20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 10:33
S40	170	356/127.ccls. and position and @ad<="20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 10:34
S41	1468	340/988.ccls. and position and @ad<="20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 10:42
S42	518	701/300.ccls. and position and @ad<="20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 11:11
S43	908	701/301.ccls. and position and @ad<="20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 11:13
S44	55	701/302.ccls. and position and @ad<="20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 11:16

## EAST Search History

S45	1249	701/207.ccls. and position and @ad<="20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 11:23
S46	19	701/207.ccls. and position with robot and @ad<="20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 11:33
S47	25	702/150.ccls. and position with robot and @ad<="20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 11:36
S48	661	702/150.ccls. and position and @ad<="20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 11:47
S49	3	("3687556").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 11:50
S50	3	("4309758").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 11:52
S51	2	("5363305").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 11:53

## EAST Search History

S52	685	(901/1).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 13:23
S53	7295	beacon same transmit\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 13:25
S54	1007	beacon same transmitter and (receiver same position)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 14:09
S55	843	beacon same transmitter and (receiver same position) and location	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 13:27
S56	38	(beacon same transmitter and (receiver same position) and location) and robot	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 13:50
S57	2	("4815840").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 13:57
S58	2	("4829442").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 14:04
S59	7	(rotating adj beacon) same transmitter and (receiver same position)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 14:11
S60	14	(rotating adj beacon) same transmitter and position	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 14:13
S61	255	(rotating adj transmit\$3) and position	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 14:41
S62	3	("4309758").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 14:41



## EAST Search History

S63	64	("4309758").URPN.	USPAT	OR	ON	2007/04/25 15:15
S64	40	("3687556").URPN.	USPAT	OR	ON	2007/04/25 15:49
S65	2752	701/200	USPAT	OR	ON	2007/04/25 15:51
S66	994	701/200.ccls. and position	USPAT	OR	ON	2007/04/25 15:51
S67	367	701/200.ccls. and position.ab.	USPAT	OR	ON	2007/04/25 16:34
S68	338	(701/200.ccls. and position.ab.) and @ad<"20030804"	USPAT	OR	ON	2007/04/25 16:35
S70	496	700/258	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 07:43
S71	360	700/258 and @ad<"20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 08:04
S80	121	(rotating or rotation) with (transmit or transmitter or transmission) same (phase\$2 with encod\$2) and @ad<"20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 08:32
S81	47645	((directional or directed or focused) with light) and ((location or position) and determine) and @ad<"20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 08:37
S82	37034	((directional or directed or focused) with light and (angle or angled or phase)) and ((location or position) and determine) and @ad<"20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 08:38
S83	5759	((directional or directed or focused) with (light with (angle or angled or phase))) and ((location or position) and determine) and @ad<"20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 08:38

## EAST Search History

S84	2029	((directional or directed or focused) with (light with (angle or angled or phase))) and ((location or position) with determine) and @ad<"20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 08:39
S85	444	((directional or directed or focused) with (light with (angle or angled or phase))) and ((location or position) with determine) and @ad<"20030804" and (vehicle or robot)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 08:40
S86	365	((directional or directed or focused) with (light with (angle or angled or phase))) and ((location or position) with determine) and @ad<"20030804" and (vehicle or robot)) not gene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 09:14
S87	53	((directional or directed or focused) with (light with (angle or angled or phase))) and ((location or position) with determine) and @ad<"20030804" and (navigate or navigation)) not gene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 09:23
S88	46	((directional or directed or focused) with (light with (angle or angled or phase or phased))) and ((location with determin\$4) and @ad<"20030804" and (navigate or navigation)) not gene)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 09:27
S89	3223	701/207	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 13:07
S90	1370	(701/207.ccls. and @ad<"20030804" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 13:09

## EAST Search History

S91	990	(701/207.ccls. and @ad<"20030804" ) and location	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 13:10
S92	1249	(701/207.ccls. and @ad<"20030804" ) and position	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 13:10
S93	100	(701/207.ccls. and @ad<"20030804" ) and (location same phase\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 13:31
S94	1399	(701/23.ccls. and @ad<"20030804" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 13:34
S95	958	(701/23.ccls. and @ad<"20030804" ) and position	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:30
S96	469	(701/23.ccls. and @ad<"20030804" ) and Location	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:12
S97	200	(318/568.12.ccls. and @ad<"20030804" ) and Location	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:13

## EAST Search History

S98	6	("phase-encoded light" or "phase encoded light") and @ad<"20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:33
S99	9	(rotat\$3 with encod\$2 with phase with light with transmit\$4) and @ad<"20030804"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:39
S10 0	1	(rotate with encoder with phase with light with transmitting) and @ad<"20030804"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:38
S10 1	9	(rotat\$3 with encod\$2 with phase with light with transmit\$4) and @ad<"20031204"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:39
S10 2	103	"position locating method" and @ad<"20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 15:04
S10 5	1370	(701/207.ccls. and @ad<"20030804" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:43
S10 6	777	S105 and location.bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 08:51
S10 7	44	S105 and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 09:44
S10 8	1399	(701/23.ccls. and @ad<"20030804" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:44
S10 9	6	S108 and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 09:49

## EAST Search History

S11 0	2	(318/568.12.ccls. and @ad<"20030804" ) and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 09:49
S11 2	9	(700/245.ccls. and @ad<"20030804" ) and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 09:55
S11 3	332	356/3.ccls. and position	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:54
S11 4	3	S113 and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 14:11
S11 5	24675322	356/3.ccls. and position @ad<="20030804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:55
S11 6	15331	S115 and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 09:55
S11 7	3	(356/3.ccls. and @ad<"20030804" ) and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 09:59
S11 8	1	(356/127.ccls. and @ad<"20030804" ) and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 10:00
S11 9	23	(340/988.ccls. and @ad<"20030804" ) and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 10:16
S12 0	21	(701/300.ccls. and @ad<"20030804" ) and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 10:37
S12 1	11	(701/301.ccls. and @ad<"20030804" ) and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 15:17

## EAST Search History

S12 2	2	(701/302.ccls. and @ad<"20030804" ) and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 11:05
S12 3	44	(701/207.ccls. and @ad<"20030804" ) and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 11:22
S12 4	15	(702/150.ccls. and @ad<"20030804" ) and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 11:30
S12 8	19	(701/200.ccls. and @ad<"20030804" ) and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 11:36
S12 9	3	(700/258.ccls. and @ad<"20030804" ) and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 13:35
S13 0	4	(180/167.ccls. and @ad<"20030804" ) and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 13:36
S13 1	8	(180/168.ccls. and @ad<"20030804" ) and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 13:38
S13 2	0	(701/116.ccls. and @ad<"20030804" ) and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 13:52
S13 3	5	(701/209.ccls. and @ad<"20030804" ) and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 14:19
S13 4	7	(702/94.ccls. and @ad<"20030804" ) and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 13:55
S13 8	885	(701/300).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/27 14:21

## EAST Search History

S13 9	1786	(701/207).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/27 14:22
S14 0	3901724	((701/207.ccls. and@ad<20030804)).CCLS.	USOCR	OR	OFF	2007/04/27 14:26
S14 2	57	(701/207).CCLS.	USOCR	OR	OFF	2007/04/27 14:33
S14 3	39	(356/3).CCLS.	USOCR	OR	OFF	2007/04/27 14:38
S14 4	25	(340/988).CCLS.	USOCR	OR	OFF	2007/04/27 14:42
S14 5	86	(701/300).CCLS.	USOCR	OR	OFF	2007/04/27 14:48
S14 7	1	"7049945".pn. and (location same (phase phased)).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 15:18
S14 8	3	("4007991").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 13:10
S14 9	13	("4007991").URPN.	USPAT	OR	ON	2007/04/30 13:16
S15 0	3	("4309758").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 13:16
S15 1	64	("4309758").URPN.	USPAT	OR	ON	2007/04/30 13:22
S15 2	3	("3687556").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 13:22
S15 3	40	("3687556").URPN.	USPAT	OR	ON	2007/04/30 13:25

## EAST Search History

S15 4	2	("4817000").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 13:26
S15 5	57	("4817000").URPN.	USPAT	OR	ON	2007/04/30 13:26
S15 6	1	("3159837").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/30 16:03
S15 7	1	("3398918").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/30 16:03
S15 8	13	("4007991").URPN.	USPAT	OR	ON	2007/04/30 16:14
S15 9	5	"809351".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/02 08:40
S16 0	68	("3009271"   "4284160"   "4309758"   "4328545"   "4360808"   "4465155"   "4530056"   "4556940"   "4653002"   "4691385").PN. OR ("4817000"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 17:29
S16 1	66	S160 and @ad<"20040326"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 17:32
S16 2	2	"6437860".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/03 09:00
S16 3	19	("3687556"   "4136955"   "4309758"   "4441809"   "4685800"   "4818107"   "4820041"   "4874238"   "5100229"   "5110202"   "5301005"   "5600436"   "5898490"   "6055046"   "6067148"   "6104479"   "6172742"   "6248989").PN. OR ("6437860"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 09:35
S16 4	1	wo94/28436.ptpn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/03 09:37



## EAST Search History

S16 5	5	("3818478"   "4007991"   "4564841").PN. OR ("5715042"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 11:35
S16 6	2	("4315263").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/03 11:36
S16 7	2	("6934626").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/03 13:54
S16 8	40	("4433334"   "4667202"   "4888593"   "4916455"   "4975710"   "5063560"   "5216429"   "5293642"   "5390339"   "5414432"   "5592180"   "5608411"   "5717406"   "5719584"   "5724047"   "5974039"   "5982322"   "5991345"   "5999131"   "6054950"   "6061022"   "6094168"   "6150921"   "6163297"   "6233459"   "6236365"   "6243648"   "6255992"   "6259404"   "6263208"   "6272350"   "6285318"   "6292665"   "6300903"   "6408186"   "6473038"   "6593883"   "6611232"   "6634959"   "6693592").PN. OR ("6934626"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 14:06
S16 9	5	("3400398").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/03 14:07
S17 0	2	("3400398").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 14:07
S17 1	11	("3400398").URPN.	USPAT	OR	ON	2007/05/03 15:52
S17 3	92	(homing adj beacon).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/07 14:32

## EAST Search History

S17 4	2231	(homing adj beacon).bsum. "@ad"<"2003"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/07 14:59
S17 5	93	(homing adj beacon).bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/07 14:59
S17 6	8	"864031".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/07 15:35
S17 7	70	(700/60).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/08 17:32
S17 8	161	(700/66).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/08 17:35
S17 9	254	(700/251).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/08 17:57
S18 0	419	(701/2).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/08 17:57
S18 1	639	("double sided" or "double-sided") with mirror and @ad<"20030803"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 08:06

## EAST Search History

S18 2	260	S181 and (location or position). bsum.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 08:21
S18 3	5	S181 and ("700" or "701").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 08:21
S18 4	0	lopez-nestor.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/15 18:17
S18 7	21	lopez-manuel.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/15 18:19
S18 8	18	schortmann.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/15 18:19
S19 0	286	robot with triangu\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/14 10:31

## EAST Search History

S19 1	44	((("20050033474") or ("5682313") or ("6252544") or ("6429812") or ("5812267") or ("4940925") or ("4789940") or ("4815840") or ("4887223") or ("20050213082") or ("H000065") or ("4378836") or ("4829172") or ("20050027399") or ("20050222713") or ("4821192") or ("4772875") or ("4777416") or ("4815008") or ("4829442") or ("4962453") or ("5045769") or ("5219264") or ("5363305") or ("5911767") or ("5999866") or ("6018696") or ("7268700") or ("20070018081") or ("20070192910") or ("20070198128") or ("20070199108") or ("20070250212") or ("20070271011") or ("4762970") or ("4848005") or ("4922704") or ("5195234") or ("5257922") or ("5285380") or ("5310120") or ("5421426") or ("5512726") or ("5765276"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/12/14 13:02
S19 2	0	beacon with rotat44 with phas\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/14 13:51
S19 6	139	beacon with rotat\$4 with phas\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/14 15:41
S19 7	0	(multiple receiver\$2) with robot with (locat\$4 or navigat\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/14 15:42
S19 8	0	(multiple receiver\$2) same robot with (locat\$4 or navigat\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/14 15:42
S19 9	0	(multiple receiver\$2) same robot same (locat\$4 or navigat\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/14 15:42

## EAST Search History

S20 0	0	(multiple receive\$2) same robot same (locat\$4 or navigat\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/14 15:42
S20 1	0	(receivers) same robot same (locat\$4 or navigat\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/14 15:43
S20 2	137	(receivers) with robot with (locat\$4 or navigat\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2007/12/14 15:44
S20 3	23	(receivers) with robot with (locat\$4 or navigat\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	OFF	2007/12/14 15:44
S20 4	17	("5000564").URPN.	USPAT	ADJ	ON	2007/12/14 17:29
S20 5	1149	(rotat\$4) near5 (transponder\$2 beacon\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/20 11:39
S20 6	270321	(detect\$5 calculat\$5 measur\$5) near5 (phase\$2 phase-shift\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/20 11:40
S20 9	154	S206 and S205	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/20 11:41

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1149	(rotat\$4) near5 (transponder\$2 beacon\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/20 11:09
L2	270321	(detect\$5 calculat\$5 measur\$5) near5 (phase\$2 phase-shift\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/20 11:10
L3	154	1 and 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/20 11:10

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